

Proposed Claim for Interview Purposes Only

A nucleic acid complex comprising:

(1) a fluorophore-labeled reporter comprising a fluorophore attached to an oligonucleotide sequence; and

(2) an oligonucleotide having a stem loop structure having a first stem section, a second stem section, and a tail sequence from the second stem section

a) the first stem section comprising at least one guanosine base, and

b) the tail sequence being complimentary to the fluorophore-labeled reporter oligonucleotide sequence;

wherein the fluorophore-labeled reporter is hybridized to the tail sequence, and the at least one guanosine base in the first stem section quenches the fluorophore of the fluorophore-labeled reporter.

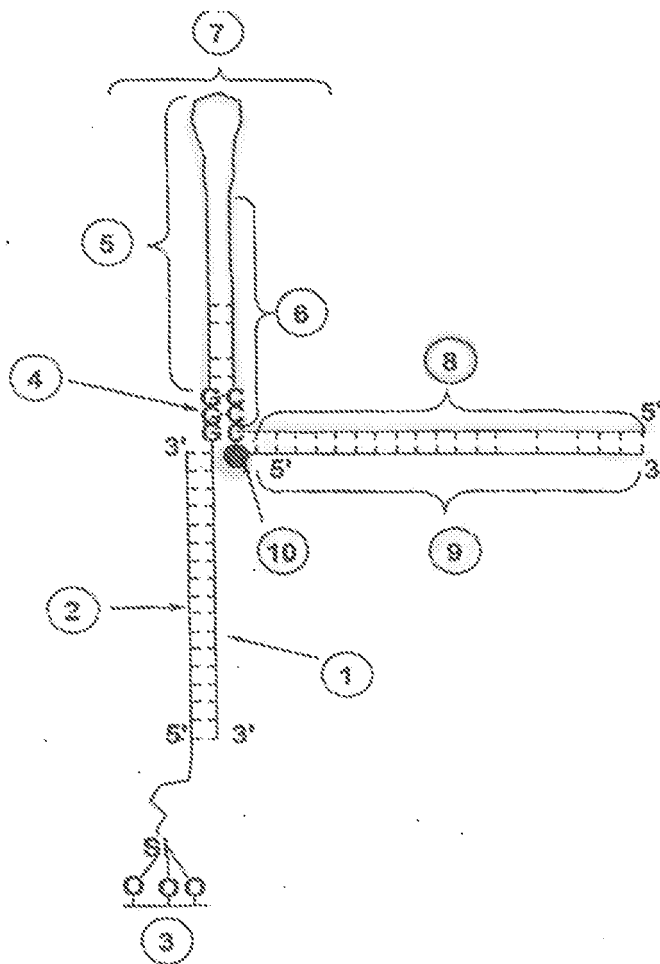
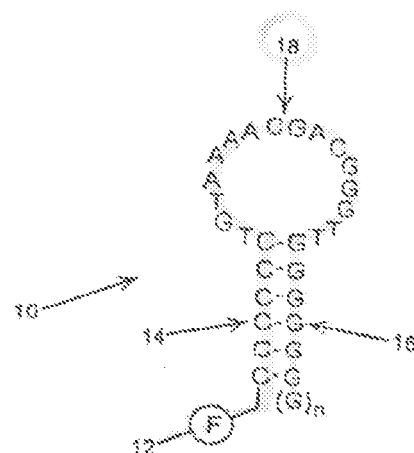


Figure 1

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